

Table: II-1.1-1 List of EA manufacturers in China

No.	Producer	Ownership	Location	Launch time	Status 09	Technology	EO source	Product
VI-1	Jiaxing Jinyan	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-2	Fushun Beifang	State-owned	Liaoning	1996	Active	[REDACTED]	[REDACTED]	MEA,DEA,TEA
VI-3	[REDACTED] f	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-4	Shanghai Gaoqiao	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-5	[REDACTED]	Private	Hebei	N/A	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	EO ammonolysis (Zhejiang University)	Sinopec Yangzi Petrochemical, Sinopec Shanghai Petrochemical	MEA,DEA,TEA

Source: CCM International

Table II-1.1-2 Situation of EA producers in China in recent years (Capacity: t/a, Output: tonne)

No.	Producer	Capacity as of June 09	Capacity 08	Output 08	Output 07	Output 06	Output 05	Output 04	Output 03
VI-1	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-2	Fushun Beifang	30,000	30,000	16,000	25,000	18,000	15,000	14,000	12,000
VI-3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<b>Total</b>	\	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	36,000	30,000	23,000	21,000

Source: CCM International

\*Note: After the launch of Jiaxing Jinyan, Jiangsu Yinyan stopped its EA production lines.

Table II-1.1-3 Production situation of EA producers in China in 2008 (Unit: tonne)

No.	Producer	MEA	DEA	TEA	Subtotal
VI-1	Jiaxing Jinyan	2,500	3,500	2,000	8,000
VI-2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-3	Maoming Shihua	4,000	2,500	1,500	8,000
VI-4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
VI-7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<b>Total</b>	\	15,500	[REDACTED]	[REDACTED]	[REDACTED]

Source: CCM International

Table II-1.2-1 Potential projects of EA in China (Capacity: t/a)

No.	Company	Abbr.	Location	Project & Process	Launch time	Newly added capacity	Technology	EO source
1	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	Fushun Beifang	Fushun Beifang	Liaoning	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	Jiaxing Jinyan.	Jiaxing Jinyan	Jiangsu	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Dec.2009	[REDACTED]	EO ammonolysis	North China subsidiary of Sinopec Sales Co., Ltd.
5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	2010	[REDACTED]	EO ammonolysis (Akzo Nobel)	Self-supply
6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	2010-2011	[REDACTED]	N/A	Self-supply
7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	EO ammonolysis (Sulzer)	Sinopec Maoming Refining & Chemical
8	BASF-YPC Company Limited	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
9	Anhui Huaihua Fine Chemical Co., Ltd.	[REDACTED]	[REDACTED]	New production line, planning	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<b>Total</b>		\		\	\	<b>371,800</b>	\	\

Source: CCM International

Table II-2.1-1 EO production situation of major producers in China in 2007-2008 (Capacity: t/a, Output: tonne)

Producers	2008				2007			
	Capacity	Output	Used for sales	Used for EG production	Capacity	Output	Used for sales	Used for EG production
<b>SINOPEC</b>								
██████████	██████	██████	██████	██████	██████	██████	██████	██████
██████████	██████	██████	██████	██████	██████	██████	██████	██████
██████████	██████	██████	██████	██████	██████	██████	██████	██████
BASF-YPC	██████	██████	██████	██████	300,000	266,760	0	266,760
Tianjin Petrochemical	██████	██████	██████	██████	70,000	64,136	32,000	32,136
Maoming Refining & Chemical	██████	██████	██████	██████	140,000	121,994	50,000	71,994
Beijing Eastern Chmeical	██████	██████	██████	██████	50,000	53,228	20,000	33,228
<b>Subtotal</b>	██████	██████	<b>310,400</b>	<b>873,600</b>	<b>1,525,000</b>	<b>1,220,150</b>	<b>329,000</b>	<b>891,150</b>
<b>CNPC</b>								
██████████	195,000	180,000	55,200	██████	██████	██████	██████	██████
██████████	41,000	39,000	0	██████	██████	██████	██████	██████
██████████	236,000	130,000	20,800	██████	██████	██████	██████	██████
██████████	75,000	60,000	36,600	██████	██████	██████	██████	██████
<b>Subtotal</b>	<b>547,000</b>	██████	██████	██████	██████	<b>329,856</b>	<b>115,600</b>	<b>214,256</b>
<b>Others</b>								
██████████	██████	██████	██████	245,700	300,000	241,800	0	241,800
██████████	██████	██████	██████	0	20,000	18,000	18,000	0
██████████	██████	██████	██████	3,120	60,000	55,000	55,000	0
██████████	██████	██████	██████	0	50,000	38,000	38,000	0
<b>Subtotal</b>	██████	██████	██████	██████	██████	<b>352,800</b>	<b>111,000</b>	<b>241,800</b>
<b>Total</b>	██████	██████	██████	██████	██████	██████	<b>555,600</b>	<b>1,347,206</b>

Source: CCM International